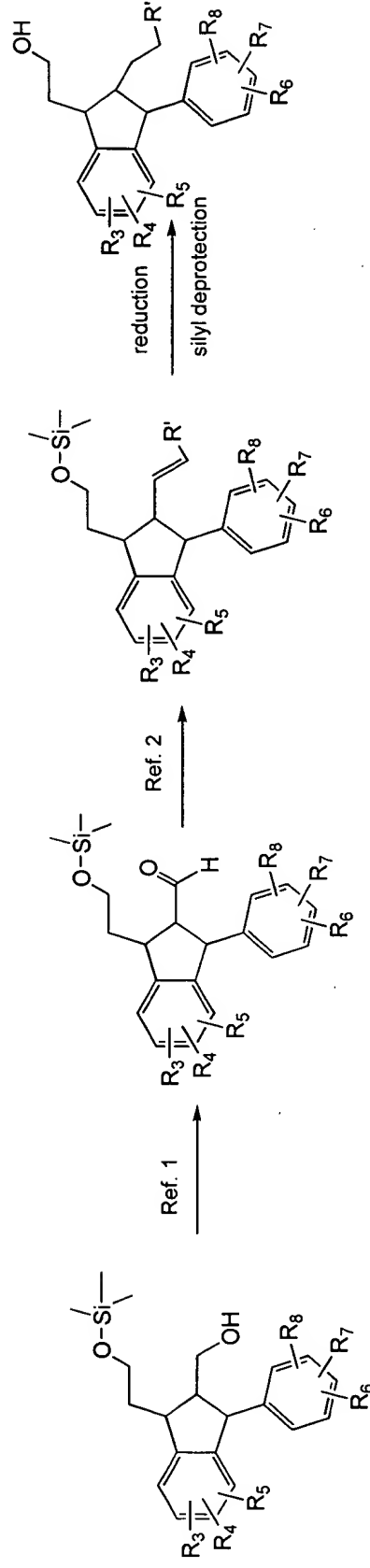




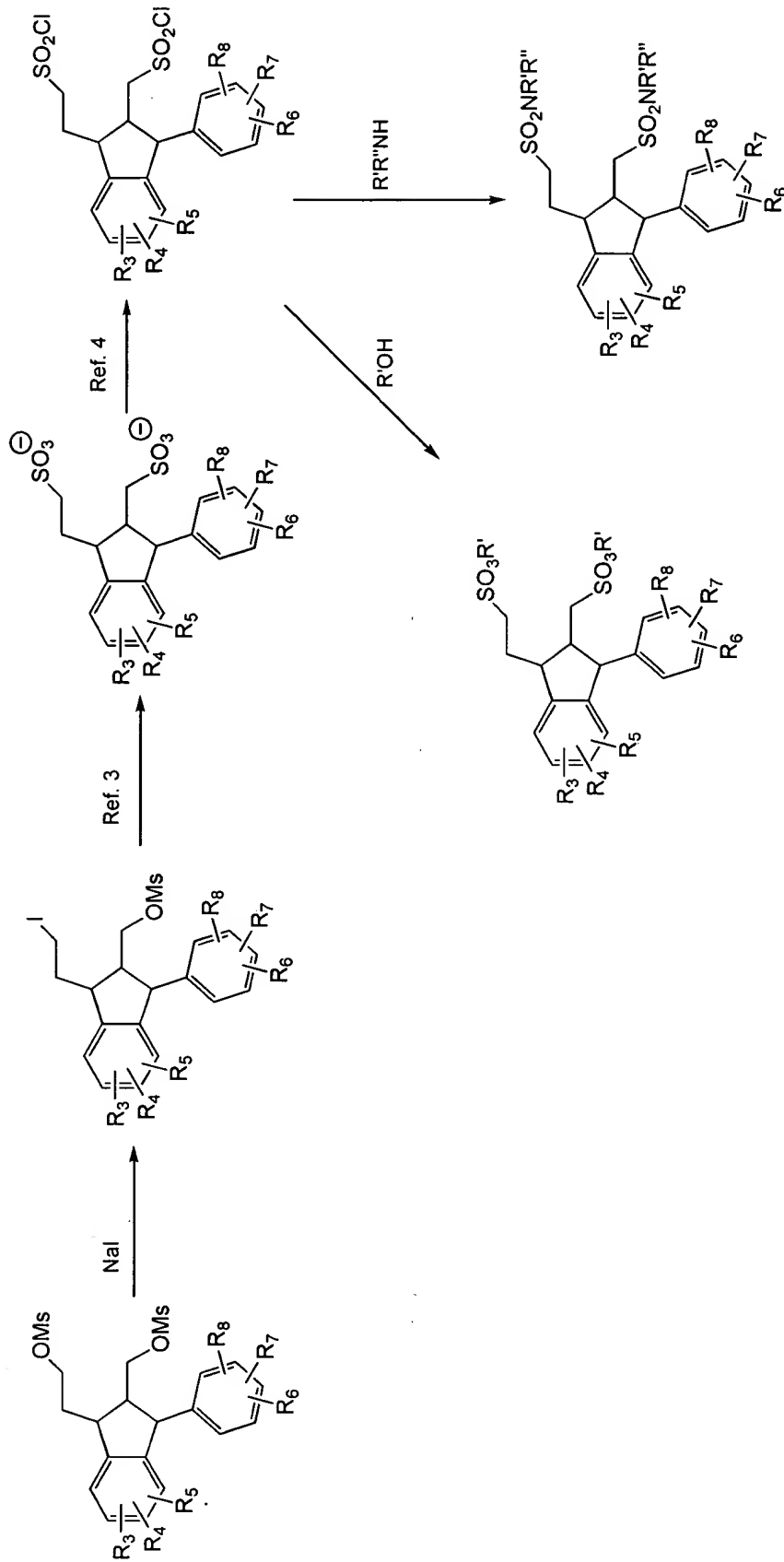
Fig. 2



Ref. 1: R. C. Larock, *Comprehensive Organic Transformations*, 1989, pp 604-605.

Ref. 2: J. March, *Advanced Organic Chemistry*, 4th edition 1992, pp 959; see Ref. 661 : E. Corey et al., *J. Am. Chem. Soc.*, 1968, vol 90, pp 6816; E. Corey et al., *J. Org Chem.*, 1969, vol 34, pp 3053.

Fig. 3



Ref. 3 : Gilbert Sulfonation and Related Reactions, Wiley, New York, 1965, pp 136-148, 161-163.

Ref. 4: J. March, Advanced Organic Chemistry, 4th edition, 1992, pp 499.

Fig. 4

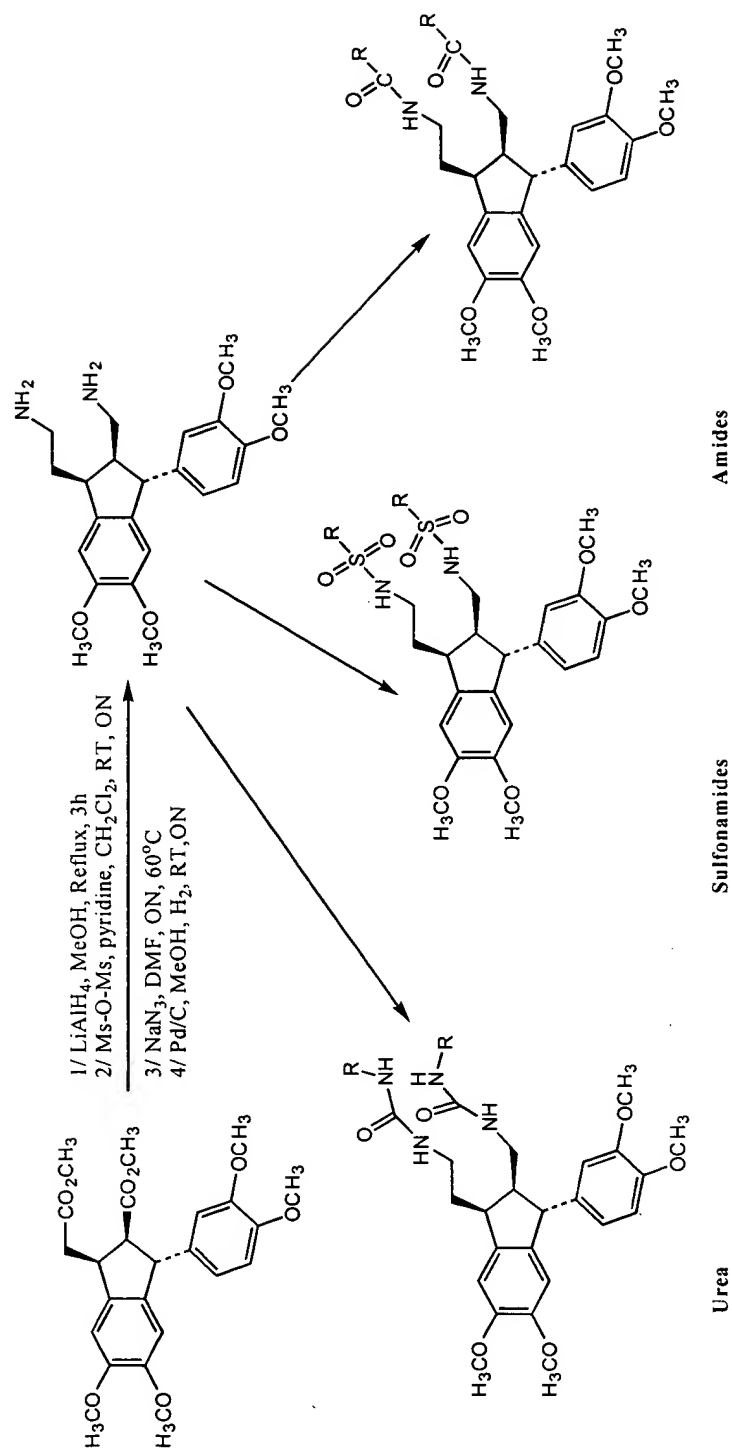


Fig. 5

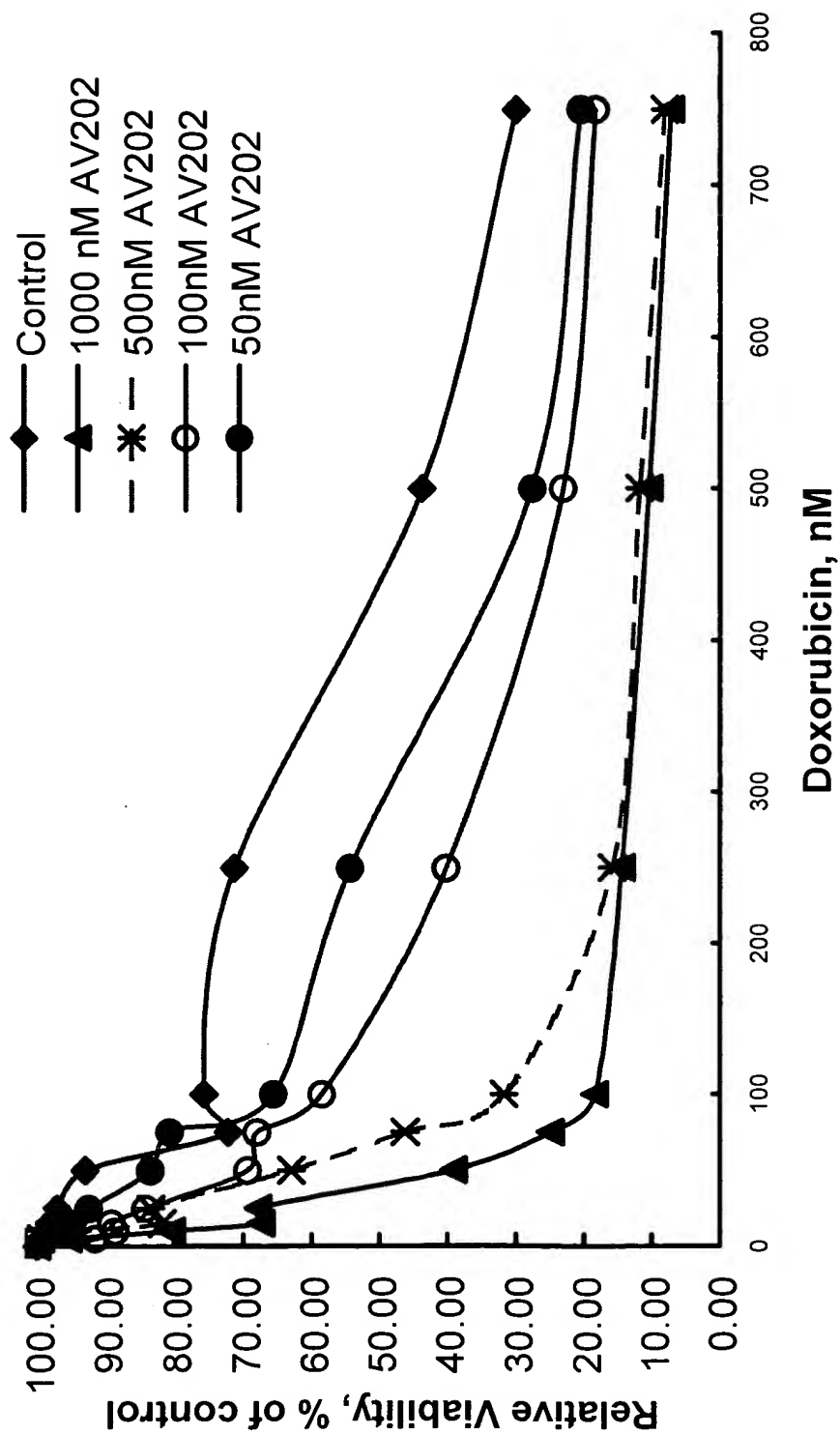


Fig. 6

